

LISTING OF CLAIMS:

1. (Currently Amended) An overtemperature detection device for detecting an overtemperature condition of each of adjacently arranged power components, each of which has a plurality of sides, comprising:

temperature detection components; and

an overtemperature detection circuit, wherein

at least two temperature detection components are disposed adjacent to each power component,

a first temperature detection component of the two temperature detection components is placed adjacent to any one of the sides of the power component,

a second temperature detection component of the two temperature detection components is placed adjacent to another side of the power component, [[and]]

the overtemperature detection circuit detects the overtemperature condition of the power components based on temperature detection signals outputted from at least two of the temperature detection components[[]].

the at least two temperature detection components have temperature characteristics, which correspond to the temperature detection signals, and

the temperature characteristics of the at least two temperature detection components are substantially equivalent to each other.

2. (Currently Amended) The overtemperature detection device according to claim 1, wherein:

one temperature detection component is disposed between two adjacent power components; and

the one temperature detection component ~~detection components~~ is used for detecting the overtemperature condition of the two adjacent power components.

3. (Currently Amended) The overtemperature detection device according to claim 2, wherein the one temperature detection component is disposed at a midpoint between the two adjacent power components.

4. (Original) The overtemperature detection device according to claim 1, wherein the temperature detection components are used exclusively for the overtemperature detection of the power component, adjacent to which the temperature detection components are disposed.

5. (Original) The overtemperature detection device according to claim 1, wherein the overtemperature detection circuit determines the overtemperature condition of the power component when temperature detection signals outputted from the temperature detection components disposed adjacent to the power component exceed a threshold.

6. (Original) The overtemperature detection device according to claim 5, wherein the threshold is set at different values in a case that the overtemperature condition has been detected and in a case that the overtemperature condition has not been detected.

7. (Original) The overtemperature detection device according to claim 1, further comprising an overtemperature protection circuit for controlling power supply to the power component while the overtemperature condition continues to be detected by the overtemperature detection circuit.

8. (Currently Amended) A semiconductor integrated circuit device comprising:

a semiconductor circuit board;

a plurality of power components arranged adjacent to each other on the semiconductor circuit board;

temperature detection components; and

an overtemperature detection circuit, wherein

at least two temperature detection components are disposed adjacent to each power component,

a first temperature detection component of the two temperature detection components is placed adjacent to any one of the sides of the power component,

a second temperature detection component of the two temperature detection components is placed adjacent to another side of the power component, [[and]]

the overtemperature detection circuit detects the overtemperature condition of the power components based on temperature detection signals outputted from at least two of the temperature detection components[[]],

the at least two temperature detection components have temperature characteristics, which correspond to the temperature detection signals, and

the temperature characteristics of the at least two temperature detection components are substantially equivalent to each other.